



H.W. JOHNS.

PATENT

ASBESTOS

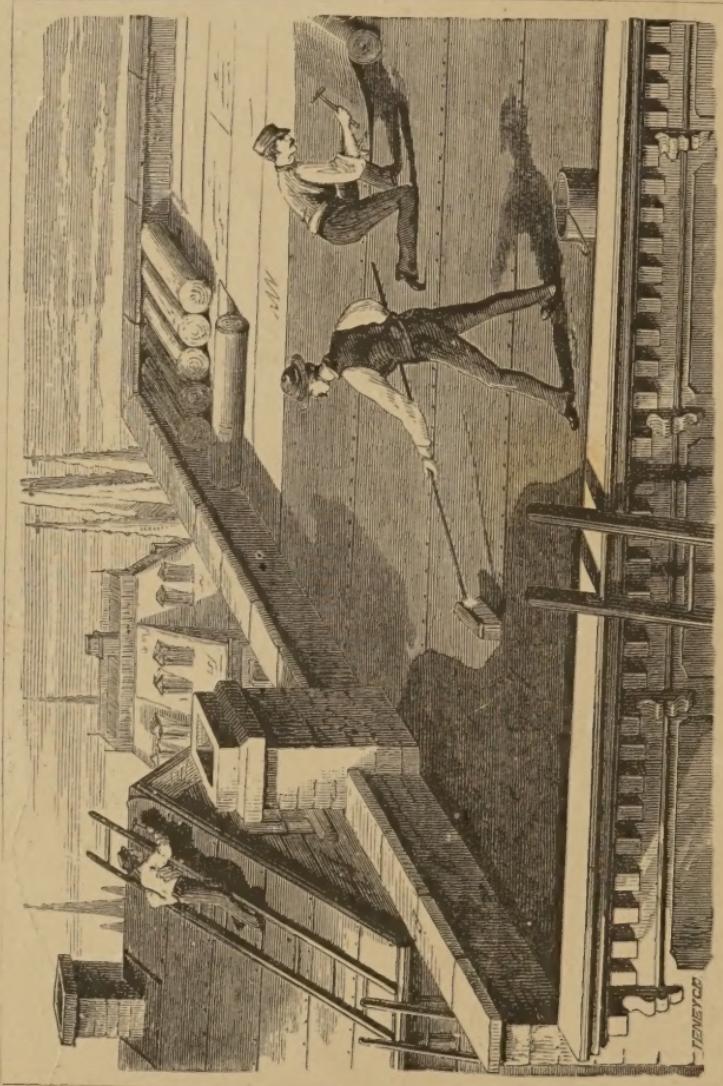
MATERIALS

87 Maiden Lane,
NEW YORK.



Entered according to Act of Congress, in the year 1877, by H. W. JORSS, of New York, in the office of the Librarian of Congress, at Washington, D. C.

ASBESTOS



MODE OF APPLYING THE PATENT ASBESTOS ROOFING.

ROOFING.

800

INDEX.

ASBESTOS,	2 and 3
ROOFING,	4 and 5
FIRE-PROOF ROOF,	6
FELT ROOFING,	6
FELT AND GRAVEL ROOFING,	6
INFORMATION ABOUT COMPOSITION ROOFINGS,	7
ROOF COATING,	8
CEMENTS,	9 and 10
PAINTS,	11 and 12
ROOF PAINT,	13
FIRE-PROOF PAINT,	14
ASBESTOS BOARD,	14
PAPER, CLOTH AND THREAD,	14
STEAM PIPE AND BOILER COVERINGS,	15 and 16
CEMENT FELTING,	17
LINING FELT,	17
AIR CHAMBER COVERING,	18
LINED HAIR FELT,	19
HAIR FELT,	19
SHEATHING,	19
STEAM PACKING,	20
FIRE-PROOF COATING,	21
ROSIN SIZED FELT,	21
VERMIN-PROOF LINING,	21
PLASTERING BOARD,	21
ASPHALTUM,	21
ROOFING BRUSHES AND NAILS,	21
TESTIMONIALS, ETC.,	22-32
REFERENCES,	33-35

asbestos



The above cut represents a fine specimen of Italian Asbestos, 44 in. long, 21 in. wide, and $7\frac{1}{2}$ in. thick, weighing 114 lbs.

The wonderful mineral ASBESTOS is not only *indestructible by fire or acids*, but differs from all other known mineral substances in possessing fibres resembling silk or flax, some varieties of which can be spun, woven and felted, producing Cloth, Felted Sheets, Paper, etc., of a superior quality. The ordinary varieties can be reduced into a "flock," pulp, or impalpable fibre, in all of which forms it retains its peculiar fibrous and interlacing or binding properties.

ASBESTOS derives its name from Greek words, meaning unchanged by fire. Its non-combustible qualities were known to the ancients, who made a cloth from it in which the dead were wrapped preparatory to burning, and in which the ashes of the body were saved.

The finer kinds, which are pure, white, and silky, with long, strong fibres, are comparatively rare and expensive, and being free from "Silex" or "Silic Acid," are particularly valuable for their lubricating qualities, while the colored and more compact forms are quite abundant; but on account of its supposed scarcity, no practical use had been made of it until we utilized it in combination with other materials in the manufacture of articles for structural and mechanical purposes, for which it has proven of great value.

ASBESTOS is capable of receiving and retaining the most brilliant colors, is a non-conductor of heat, and possesses many other valuable qualities, which we have developed for new and important uses.

This valuable mineral has, through our instrumentality, been brought to light in vast quantities in many parts of this and other countries, and, owing to our efforts, its peculiar properties, and uses, are now known in all parts of the civilized world.

The growing importance attached to the use of ASESTOS has induced some unscrupulous persons to infringe our patents, and in some instances to associate its name with their productions, omitting its use, thus injuring the reputation of the genuine ASBESTOS materials. We therefore take this opportunity of warning the public against worthless imitations and infringements. Suits are now in progress for the protection of our rights, which we assure our customers and the public shall be vigorously maintained.

H. W. JOHNS' M'F'G CO.,

NEW YORK, May, 1877.

87 Maiden Lane.

1858--1877.

In 1858 we commenced the manufacture of Roofing Materials, and from time to time have added other articles for structural and mechanical purposes, which, having been thoroughly tested, are now in general use in this and many other countries.

In 1868 we first made known the results of our long continued experiments with the then, comparatively unknown, indestructible, fibrous mineral ASBESTOS, and having proven its value beyond all other known substances in the manufacture of fire-proof and non-conducting materials, we now produce on an extensive scale the various articles herein described, which are of incalculable value to Rail-Road Companies, manufacturers and owners of buildings of every description, all of which are manufactured in compact and portable form, ready for use.

The demand for these articles has increased so steadily and rapidly that we have each year been compelled to increase our manufacturing facilities, and within the past year we have completed a new manufactory, and now have the *most extensive and complete works in the world* for analogous purposes.

We have always aimed to produce materials *of the best quality*, and although we do not claim to have attained perfection, *we challenge the world* to show articles for similar purposes, which, in usefulness, durability and perfection of manufacture, equal ours, at approximate prices.

We command every necessary facility for producing our manufactures at the minimum of cost, and shall continue to improve and perfect them to the extent of our ability, and, finding ample remuneration in small margin of profit, we purpose supplying them at prices which will place them within the reach of every one, and as *such materials are constantly needed everywhere*, we believe any one seeking a new business, or any established house desiring to secure a profitable line of specialties, can find no better paying business than the sale of our goods.

We would call particular attention to our Paints and Boiler Coverings, and earnestly invite an examination and comparison of our goods with all others for similar purposes.

ASBESTOS ROOFING.

Our Patent Improved ASBESTOS ROOFING is entirely different from any other material in use, and consists of a strong Canvas, combined with a surface layer of Felt and a Manila Lining. (See cut on next page.) These materials are rendered water-proof, and are joined together with intermediate layers of our patent Acid and Water-Proof Composition, and the whole compressed into a compact flexible sheet resembling leather, forming the strongest and most substantial portable Roofing in use. This, when applied, and finished with the ASBESTOS ROOF COATING, and the White Fire-Proof Coating (see printed instructions), forms a light, cool and handsome roof, which is not only *air-tight* and an effective *non-conductor* of heat, but, being proof against burning sparks and cinders, it has proven a *perfect protection* where buildings covered with it have been exposed to fire, in every instance which has come to our knowledge.

We would call particular attention to our valuable improvement in the use of our WHITE FIRE-PROOF COATING, as the finishing surface of our Roofing. It is furnished without extra charge, and has given us advantages never before possessed, as it refracts the rays of the sun and retards carbonization to which all water-proof substances are subject, thus adding greatly to the durability of the Roofing, as well as to its appearance, and rendering it the *coolest roof in the world*. For these reasons it is peculiarly adapted for use in warm climates.

This Roofing is adapted for *steep or flat roofs*, in all climates, and has been in use in all parts of this country, and in South America and Europe, a sufficient length of time to warrant us in claiming it to be the *best substitute for tin*, and, if properly applied and cared for, fully as economical considering its cost, and in many respects more desirable than tin, slates and shingles of the qualities commonly used.

It can be more easily applied than any other Roofing, it being necessary only to fasten it properly to the roof with our ROOFING NAILS, to make tight joints and laps, and to coat it thoroughly and evenly, which can be readily done by any intelligent workman—no heat or special tools being required.

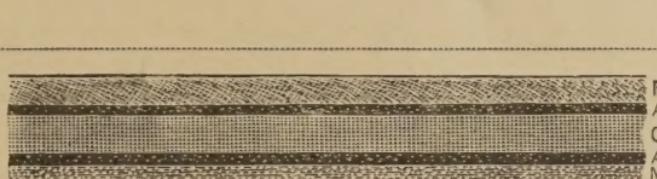
It can be easily repaired, if necessary, and can be kept in order at a trifling expense by an occasional application of the ASBESTOS ROOF COATINGS, which are prepared ready for use.

It is furnished ready for use in rolls about 39 inches wide, containing 200 square feet, and weighs only about 50 lbs. to 100 square feet. It is packed in strong skeleton cases, and is taken at 4th class rates by all railroad and transportation companies, and can be more cheaply transported and applied than any other Roofing.

This Roofing is now in use on many thousands of buildings, has met with the approval of the most extensive builders, manufacturers and railroad companies ; and we recommend it especially for roofs of railroad buildings and bridges, warehouses, etc., and for factories where roofs are liable to injury from acids, or in danger of fire from burning sparks and cinders.

Printed instructions for applying, with illustrations showing how to make tight joints around chimneys, formation of gutters, etc., will be furnished.

As certain irresponsible parties have offered for sale inferior articles, representing them as ASBESTOS ROOFING, particular attention is called to the following Cut, showing, on an enlarged scale, the foundation of this form of the Patent ASBESTOS ROOFING ; the actual thickness is about 1-10th of an inch .



F—Felt ; AA—Layers of Water-proof Composition ; C—Canvas ; M—Manila Lining. *This Roofing is ten times stronger than any other portable or Composition Roofing in use,* and owing to our extensive manufacturing facilities we can supply it at nearly as low a price as the cheapest, and at a LOWER PRICE, QUALITY CONSIDERED, THAN ANY OTHER KIND OF ROOFING IN USE.

A cheaper form of roofing may sometimes be desirable for temporary buildings, and we can furnish such at as low a price as any other manufacturer ; and we can also supply a more expensive form

of roofing, for the more substantial class of city buildings, steam-boats, cars, &c., full particulars of which will be furnished on application.

A Fire-Proof Roof.

To prevent misconception of our claims in regard to the fire-proof qualities of the "ASBESTOS ROOFING," we would say the materials of which it is composed are not *all* indestructible by fire, but when finished as per instructions it is not only proof against sparks and cinders, but we have never heard of an instance where fire has communicated through it; on the contrary, we can furnish innumerable proofs of its efficacy in saving buildings exposed to fire.

Do not be deceived by worthless materials which are represented by unscrupulous parties as genuine ASBESTOS ROOFING. *There is no other Reliable Portable Roofing in the market.* The cheap, tarred felts, petroleum, oil paints, &c., which are sold as Roofings under various names, and warranted by irresponsible venders to be more durable than the standard articles, are a source of constant annoyance and expense, while a reliable Roofing from reputable manufacturers can be purchased at about the same price asked for these worthless articles.

Felt Roofing.

This article consists of a superior, thick, strengthened felt, waterproofed, to be finished on the roof with the ASBESTOS ROOF COATING and FIRE-PROOF COATING. It can be very cheaply applied, and is equal in durability to the ordinary Felt or Composition Roofings, at about *one-half the price*. It is suitable for all temporary purposes where a cheap form of Roofing is desired.

Felt and Gravel Roofing.

We can furnish the best materials for this kind of Roofing as low as any other manufacturer, but would call attention to the fact that, upon new buildings, *the entire cost of the roofing can be saved* in the difference between the expense of the heavy timbers actually necessary for the support of the "Gravel," and the light timbers required for the "ASBESTOS" ROOFING, which *weighs only one-tenth as much*.

Information about 'Composition' Roofings.

The value of a Roofing Material, unlike that of many articles, cannot be demonstrated in a single year; time alone can satisfactorily prove its merits, and it is to be regretted that so many extravagant representations have heretofore been made in regard to materials for such important purposes, thereby leading purchasers to expect too much of what were, at best, only temporary substitutes for the standard articles.

During the past twenty years many kinds of "cheap roofing," consisting of tarred felts, petroleum oil paints, coal tar, cements, &c., have been offered to the public, which have proven unsatisfactory, and their use is now comparatively limited. COAL TAR, in its crude state, as ordinarily used for Roofing purposes, IS NOT WATER-PROOF. It possesses no "body," and upon exposure either melts and runs under the heat of the sun, or soon carbonizes and washes off.

As this substance possesses many valuable qualities, and is inexpensive, we find it useful for many purposes, and would call particular attention to the fact that as used in our Roofing compositions it is properly "treated," and is only used in combination with materials which render them perfectly waterproof and superior preservatives. We use no petroleum or rosin oils mixed with ground slate, and have no occasion to advise those who have once used these "mixtures" in regard to their value.

There are few who appreciate the difficulties in the production of a material which shall meet all the requirements of a good roofing, at half the cost of tin, slates, &c. We have spared no pains or expense to produce a reliable article to meet the popular demand for a cheap roofing, fully worth its cost, and have met with gratifying success; but we would call attention to the fact that it should receive watchful care in its application and use to insure satisfactory results.

We shall continue to use every means in our power to improve and perfect our Roofing, and, as we have had more than eighteen years' experience in the production of Roofing Materials, and have the most extensive and complete manufactory of the kind in the world, we can supply them at lower prices, quality considered, than any others in the market.

ASBESTOS ROOF COATING.

This article is composed of ASBESTOS prepared in the form of a finely ground "flock" or dry pulp, and our *Silica Paint Body*, combined with our patent *Acid and Water-proof Composition*, and properly prepared coal tar. It is *prepared ready for use*, of a proper consistency to be applied with a brush, and forms an inexpensive and durable water-proof coating, which differs from all others in possessing *fibres of stone*, and may be described as an *elastic water-proof felting*.

Nearly all other minerals or pigments absorb the valuable properties of mixed paints or coatings when applied to roofs, and assist in evaporating and carbonizing them, leaving, after a time, only a dry, flaky mass, which is not water-proof; ASBESTOS, on the contrary, protects this composition and renders it less liable to run in the heat of the sun, or crack in cold weather. We therefore feel warranted in claiming the ASBESTOS ROOF COATING to be superior to all other compositions or coatings for ordinary Roofing purposes.

This Coating is used to finish the ASBESTOS ROOFING, and is invaluable for restoring and preserving old leaky SHINGLE, TIN, and FELT roofs, as it will fill up all small crevices, forming an elastic water-proof joint, which is not liable to injury from the contraction and expansion consequent upon sudden changes of temperature. It also forms the most durable coating in use for *Smoke Stacks*, and other heated iron work.

It is furnished in kegs and barrels, can be easily applied by any one, and costs only about one quarter as much as ordinary paint.

We also manufacture an EXTRA HEAVY COATING for restoring old, leaky Felt, Shingle and other roofs, etc., but do not advise its application to shingles which are badly decayed.

PRINTED INSTRUCTIONS FOR COATING AND REPAIRING ALL KINDS
OF ROOFS WILL BE FURNISHED.

Asbestos Cement Felting.

This material is composed of ASBESTOS and a Cementing Compound to be used as a mortar, and can be applied *directly* to Steam Pipes, Boilers, etc., while heated. It is the best non-conductor in this form for these purposes; but, to obtain the best results, should be used in connection with the ASBESTOS LINING FELT, when practicable. It is perfectly fire-proof, and is invaluable as a lining under slate, shingle, and other roofs, a filling for floors, and for fire proofing Boiler-rooms, etc. One barrel will cover about 40 square feet, one inch thick.

We make to order an extra quality of CEMENT FELTING for covering HOT-BLAST PIPES and other super-heated surfaces.

Particular attention is called to the following advantages of

OUR CEMENT FELTING

Over all other Cements or Mortars:

ASBESTOS, of which our CEMENT FELTING is partly composed, is the best known non-conductor of heat.

Our combined LINING FELT and CEMENT FELTING forms a more effectual non-conductor than any other cement, mortar or "felting" of equal, or even greater thickness, and the saving of heat is *real*, as well as apparent, which is not the case with the thick Cement Coverings, which simply furnish a larger radiating surface, by which many are deceived.

They can be applied more easily and at a less cost.

Less material being required, pipes covered are smaller and neater. No danger of cracking from expansion of pipes.

Our CEMENT FELTING being put up *dry*, weighs only half as much as the *wet* mortars or cements, thus saving half the usual cost of freight. We will furnish it ready mixed if desired.

 In the last exhaustive test made in 1874, at great expense by the U. S. Government, at the N. Y. Navy Yard, our ASBESTOS CEMENT FELTING showed a result in saving a radiation of heat *over all others*.

Asbestos Lining Felt.

This article consists of a strong sheathing, to one side of which is attached a layer of ASBESTOS. It is furnished in sheets and rolls of any desired width, *i. e.*, 6, 12, 18, etc., to 42 inches. It is used alone and in connection with the CEMENT FELTING (*see cut inside back cover*;) also as a lining under Hair Felts.

Asbestos Air Chamber Covering.

This improved form of covering is superior to all others for Steam and Hot Air Pipes, etc., and is formed by first covering the pipe with the ASBESTOS LINING FELT, then a thin layer of HAIR FELT with an envelope of *non-porous* Felt or sheathing, coated with our Asbestos Fire-Proof paint, producing an air-tight chamber filled with Hair *insulated* by the Fire-Proof Lining Felt which prevents injury to the Hair from the heat. DOUBLE AND TRIPLE AIR CHAMBERS are formed by the addition of layers of Hair and Non-porous Felt, as shown in the following cut :



This form of covering can be easily applied by any one. Special circulars, instructions and estimates of cost will be furnished on receipt of measurements of pipes, etc., and the required materials will be supplied *complete*.

Asbestos-Lined Hair Felt,

formed by use of our ASBESTOS LINING FELT under Hair Felt, is particularly adapted for covering Marine, Locomotive and Portable Boilers, Pipes, etc., the LINING FELT forming an effective insulator, removing the HAIR FELT from contact with heated surfaces, and protecting it from the injurious effects of heat. By this combination the great objection to the use of HAIR FELT is entirely overcome; and a light, economical, and Non-Conducting Covering, *superior to any other in use*, is obtained, which cannot be injured by the jarring of machinery in motion, or by abrasion.

Many instances are known where buildings and steamships have taken fire from HAIR FELTS in contact with heated surfaces. This cannot occur where our ASBESTOS LINING FELT is used.

The comparative non-conducting qualities of Boiler Coverings can be readily ascertained by any one holding a thermometer at an exact distance of one inch (the standard adopted by the United States Government) from the covered surfaces, and noting temperature, *i. e.*, the quantity of heat radiated.

Printed instructions for applying will be furnished with these materials.

Hair Felt.

We would call particular attention to the superior quality of our Hair Felt which is made from pure Russia Hair, steam pressed. It is the cleanest, strongest, and most durable Hair Felt in use, and we can supply it at the lowest market price—all thicknesses and widths.

Asbestos Sheathing.

This article consists of a strong non-porous, damp-proof felt, coated with our *fire-proof* Asbestos Paint, and is not only desirable for lining under weather boards, etc., but forms a neat, cheap, and effective finish for inside of factories, etc.; and is also used in combination with the Asbestos Lining Felt and Hair Felt to form our Air Chamber Steam Pipe and Boiler Coverings. No frame building should be erected without this protection against the elements.



Asbestos Steam Packing.

This article has been recently improved and perfected, and, having been thoroughly tested, is offered to the public as being the best, cheapest, and *by far the most durable* packing in use for piston rods, valve stems, throttle valves, pumps, and stuffing boxes of high and low pressure engines, etc.

The long and severe tests to which ASBESTOS PACKING has been subjected, and the surprising results attained—in one instance having been used, without removal, on an ocean steamer which sailed over 90,000 miles, and in another on a locomotive which ran over 50,000 miles—and as it is indestructible by acids, long exposure to dampness or any degree of heat, and also possesses the peculiar property of being a natural lubricator which does not heat or waste perceptibly, the fact of its absolute economy over any other article for similar purposes, aside from the great saving by avoiding stoppages, is self-evident.

The long, strong fibre of the ASBESTOS used in this PACKING renders it invaluable for Locomotives or other Reversing Engines, as the liability to "blow out" is avoided, and being unaffected by acids, ammonia, etc, the cheaper kinds of oil, made from petroleum, work equally well with it as lard or sperm.

The *Rope Packing* is manufactured by a new and improved process, by which the Asbestos fibres are securely covered by a thin braid, in which form it can safely be transported and conveniently used. It is furnished in regular sizes, from three-eighths to two inches in diameter, and is put up for the trade in coils of 50 pounds, in neat and convenient cases.

The *Loose Packing* consists of finely-separated long fibres of Asbestos, which can be twisted or packed into any desired form, and will be found desirable for special uses. It is put up in packages of one pound and upward.

We will furnish samples, special circulars, prices and testimonials on application.

Asbestos Fire-Proof Coating.

This article is composed of strictly fire-proof ingredients, and is put up in barrels and kegs ready for use, and also in a dry state, to be mixed with water and applied with a brush. It is particularly designed as a finishing coating for our Roofing, but is also valuable for rough wood-work, etc. It forms an additional protection against fire and renders the roof much cooler, owing to its light (nearly white) color.

Rosin-Sized Felt.

This article contains no tar, and forms a desirable sheathing under weather-boards of frame buildings, etc., where protection against winds and dampness is required.

Vermin-Proof Lining.

For Carpets, Deadening Floors, etc.—This article is a thick, soft felt, impregnated with an inodorous material which is proof against moth and vermin, and forms a cheap and desirable protection against penetration of air and dust.

Plastering Board.

This article consists of a compact straw board coated with a water-proof sizing, and is used for finishing the inside of cheap dwellings, etc., in place of lath and plastering. It can be readily applied, and forms a smooth, air-tight and damp-proof wall, which may be painted, papered or whitewashed. Full instructions for use on each roll.

Asphaltum.

We can furnish crude, refined, or prepared Asphaltum in bulk or in bbls., by the ton or cargo, at the lowest market price.

Roofing Brushes.

Our ROOFING BRUSHES are manufactured expressly for us, and are *the best brushes made for such purposes*; they should always be used for applying the ASBESTOS ROOF COATING and ROOF PAINT.

Roofing Nails.

Our ROOFING NAILS are made *exclusively for us*, of the best *Swedes Iron*, with extra large heads, and are superior to any others for the purpose in use.

We also manufacture and deal in ROOFING AND SHEATHING FELTS, LINSEED OIL, TURPENTINE, BERMUDA OCHRE, HYPER SPERM, LUBRICATING OIL, &c.

TESTIMONIALS, ETC.

During the past nineteen years we have received thousands of testimonials and letters, commending our Roofing and other Materials; and append copies of a few, which, coming from well-known and authentic sources, will be sufficient proof of the superiority of our materials over all others for similar purposes; and as they are in use in nearly all parts of the country, we can usually refer those interested, to parties in their vicinity who can speak from experience as to their value and desirability.

**First Premium awarded by American Institute
'70, '71, '72, '73, '74 & '75.**

First Premium awarded by New Hampshire State Fair, 1871.

First Premium awarded by Louisiana State Fair, 1870.

First Premium awarded by Pennsylvania State Fair, 1872.

First Premium awarded by Texas State Fair, 1871.

First Premium awarded by Rhode Island State Fair, 1872.

**First Premium awarded by New England Agricultural
Society, 1874.**

First Premium awarded by Chilian Exposition, 1875.

The Highest Premium has been awarded to the ASBESTOS ROOFING at all Expositions and Fairs wherever exhibited.

THE CENTENNIAL PRIZE MEDAL AND DIPLOMA OF MERIT WERE AWARDED FOR OUR ASBESTOS MATERIALS WITH THE FOLLOWING REPORT OF JUDGES:

"Roofing, excellent, durable, economical, especially resisting outside heat and fire."

"Asbestos Covering on wood, put on in the liquid state and solidified by the action of the air."

"Greatest success, in fire-proof outer and inner coatings, Covering Felt and rough hair fabrics."

Extracts from AMERICAN INSTITUTE REPORTS.

1870.—**H. W. Johns' Improved Roofing.**—“Is strong and flexible, unaffected by the sun's heat; practically fire-proof, and is really an article of the first order of merit.”

Signed, HORACE GREELEY, *Pres't.*

HIGHEST PREMIUM (MEDAL) AWARDED.

1871.—“These materials prove, by their general use and test of time, to answer their purpose fully:” “*The best article in the market.*”

1872.—“It is very strong, repels water effectually, and is well adapted to resist climatic influences.”

1873.—“This material is one of unusual merit, as its continued success demonstrates; and we recommend it to all as the best in use for the purposes claimed.”

1874.—“We consider the Asbestos materials entitled to the Diploma of continued excellence.”

1875.—The continued success attending the introduction of these articles prove beyond question their value for the many purposes named. The Roofing we consider superior to all other Roofing materials in the market, and entitled to the Bronze Medal of the Institute.”

From Report of the American Institute Farmer's Club, Dec. 6, 1870.

The material constitutes one of unusual merit, much superior to any of the class previously brought to their notice, and worthy of trial by those who desire a durable, easily applied, comparatively inexpensive and safe roofing, the material having, in addition to the other merits claimed for it, that of being practically FIRE-PROOF.

This is to certify that, during the 39th Exhibition of the AMERICAN INSTITUTE, a roll of 200 feet of H. W. Johns' Patent ASBESTOS ROOFING was laid on the floor of the main passage, and was constantly subjected to the wear of being walked upon by thousands of people for an average of twelve hours per day for two months, and at the close of the exhibition did not show the slightest signs of wear.

CHAS. S. CAEWELL,
Supt. 4th Dept. Chemistry and Mineralogy.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

OFFICE OF REMINGTON ARMORY,
LIION, N. Y., May, 1875.

Mr. H. W. JOHNS,
87 Maiden Lane, N. Y.

Dear Sir: We have used your ASBESTOS ROOFING quite extensively during the past three years, and have now not less than six hundred squares (60,000 sq. ft.) of roof area covered with it.

We have found it a very convenient roof to apply, and thus far have no trouble from leaks, as has been the case with other roofs.

Nearly half the Asbestos Roofing we have has been used to substitute other patent articles which have proved failures, and caused us great damage and trouble.

Yours truly, E. REMINGTON & SONS,
Per N. A. RUSSELL, Foreman Building Dept.

AGRICULTURAL IMPLEMENTS,
R. H. ALLEN & Co., NEW YORK, March, 1871.

H. W. JOHNS, Esq.

Dear Sir: Having used your Roofing materials on my own buildings, and having occasion, during my connection with the *American Agriculturist*, to examine into the merits of these articles frequently within the past five years, I take pleasure in saying I have found them to be in every respect as represented, and I feel I can confidently recommend them to farmers and others as being particularly desirable, as they can be applied without the aid of skilled labor.

M. C. WELD, Consulting Agriculturist.

OFFICE OF THE NEW YORK TRIBUNE.

The roofs of the Tribune buildings, which were covered some years since with the ASBESTOS ROOFING, are in perfect condition. These roofs were formerly covered with tin, which, owing to the expansion and contraction of so large a surface, were nearly always in a leaky condition. I therefore consider the ASBESTOS superior to tin in these respects, and particularly desirable for roofs liable to injury from being walked upon.

THOMAS N. ROOKER,
New York Tribune Association.

OSWEGO STARCH FACTORY,
OSWEGO, May 5, 1874.

Mr. H. W. JOHNS.

Dear Sir: * * * * We have used your Roofing for a number of years, Last Fall we needed a new roof on one of our engine rooms, and we put on your ASBESTOS, something we should not have done had former trials of your Roofing proved unsatisfactory.

Very truly yours,
THOMSON KINGSFORD.

AULTMAN & TAYLOR MFG. CO.,
MANSFIELD, Ohio, Feb. 22, 1875.

H. W. JOHNS, Esq.

Dear Sir: We have had your Roofing in use for some four years, and the fact that we have recently bought several thousand dollars' worth of it shows that it has given us entire satisfaction.

Yours truly,
M. D. HARTER, Treas.

TARMOUTH, N. S., June 8, 1875.

H. W. JOHNS, Esq.

Dear Sir: We would like to sell your materials in this Province. Your Roofing is now coming into general favor; at first the novelty of the material aroused some objections, but the first we put on two years ago is as good to-day as then, and so is commanding itself to public notice.

Yours very truly,

KINNEY, HALEY & CO.,
Dealers in Lumber, Sash Blinds, etc.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

WILTON, N. H., Dec. 6, 1874.

We have had a severe fire in our village, burning the best part of it. Your ASBESTOS ROOFING stood the test well. On one building it burned the boards out from under it without affecting the Roofing.

Yours truly,

GARDNER BLANCHARD.

STATE OF NEW YORK, SING SING PRISON,
AGENT AND WARDEN'S OFFICE, SING SING, Jan'y 4, 1876. }

H. W. JOHNS, Esq.

Dear Sir: I have been using upon the Prison buildings several hundred squares of your Asbestos Roofing, giving entire satisfaction, and it is in perfect order. It repels water effectually, is unaffected by the sun's rays, is walked upon without injury, and is a resistant to fire. In fact, I consider it *the best material for roofs*, considering the cost, in use, and cheerfully recommend it. Your Steam Pipe and Boiler Coverings possess all the merits you claim for them in a very large degree, and your Roof Paint is unquestionably superior to any article for the purpose I have ever used.

Yours truly,

A. WALKER, Agent and Warden.

OFFICE OF TROY BRICK WORKS,
TROY, N. Y., March 6, 1875. }

H. W. JOHNS, Esq.

Dear Sir: You will please enter our order for enough of your Roofing materials to cover one hundred squares of roof. We will give you timely notice when to ship the goods. We have always considered your Roofing, if properly laid, to be more satisfactory than any other composition roofing. In fact, you may be assured that if we did not think well of it we would not give this order.

Yours truly,

JAMES OSTRANDER & SON.

AKRON, OHIO, Feb. 29, 1876.

H. W. JOHNS, Esq.

Dear Sir: After three years' experience with your Roofing, we can honestly testify that we believe it to be superior to any other roofing in use, not excepting tin or any other metal roof. In our city and vicinity, as it becomes better known, it is coming into general favor. Last season it was applied on some very large roofs for parties who do not experiment with anything new of this kind, among whom were our County Agricultural Society, Aultman, Miller & Co., Akron Gas Company, etc., etc., and it has in every instance given complete satisfaction.

Yours respectfully,

MILLER, THOMAS & CO.

OFFICE OF L. S. WILSON & CO.,
WABASH, IND., March 30, 1876. }

H. W. JOHNS.

Dear Sir: I have thoroughly tested your Roofing, and as I have a great deal to put on this spring, would like your present prices.

Yours respectfully,

L. S. WILSON.

WABASH, IND., April 11, 1876.

Please send immediately sufficient to cover twenty-six squares (2,600 square feet).

Yours,

L. S. WILSON.

EAST PENN IRON COMPANY,
LYONS, PA., March 18, 1876. }

Dear Sir: The Cement Felting applied to our hot blast pipes is proving to be a complete success, and we cheerfully recommend it to others.

Yours truly,

J. C. SCHLACHTER, Pres't.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

OHIO IRON AND NAIL WORKS,
MARTIN'S FERRY, Sept. 23, 1874.

H. W. JOHNS, Esq.

Dear Sir: * * * * The roofs are in good condition and give every satisfaction. * * * * Yours truly,

W.M. BARNETT, Sup't.

MARTIN'S FERRY, OHIO, March 28, 1876.

Our roof continues in excellent condition, and gives entire satisfaction.

Yours truly,

W.M. BARNETT, Sup't.

Mr. H. W. JOHNS.

Dear Sir: We have tried your Asbestos Paint and are much pleased with it, and think we can introduce it here to our mutual advantage.

Yours respectfully,

HART, BAILEY & Co.

WILMINGTON, N. C., Feb'y 28, 1876.

H. W. JOHNS, Esq.

Dear Sir: Your Roof Paint gives good satisfaction, and I shall want several barrels of it in the spring. Please send me one barrel at once.

Yours truly,

A. H. KEELER.

CIVIL ENGINEER'S OFFICE,
NAVY YARD, NEW YORK, Jan. 26, 1876.

Mr. H. W. JOHNS.

Dear Sir:—Your Cement Felting possesses all the qualities you claim for it.

Respectfully, etc.,

NORMAN STRATTON, Civil Engineer.

NEW YORK, May 1, 1876.

H. W. JOHNS, Esq.

Dear Sir: We have used your Asbestos Steam Pipe Covering to our entire satisfaction. A large amount of heat lost in cellar before the Covering was applied is now utilized, and we can heat our building in half the time formerly required.

Yours very truly,

ALEX. M. HAYS & Co.,
23 Maiden Lane.

Mr. H. W. JOHNS:

Yours of Aug. 3d received. In regard to the ASBESTOS ROOFING, it stood the fire remarkably well. The heat was very great, yet it did not catch fire, only "crusted" up. The Insurance men have been on the roof, and were very much pleased with it. * * * * Yours,

A. B. DAVIS.

PHILADELPHIA, PA., Feb. 7, 1876.

Mr. H. W. JOHNS.

Dear Sir: The store we occupy has a slate roof, which, owing to bad workmanship, commenced leaking very badly soon after it was put on, and we determined to try your Asbestos Cement and Roof Coating. We had the Cement applied first wherever there was a crack to be seen, and then applied two coats of the Roof Coating, since which time we have not been troubled with its leaking. We also have a tin roof on dwelling, rather flat, and the water would "back up" from gutters, causing several bad leaks, to which we made the same application with equally good results.

Yours respectfully,

T. B. BICKERTON, 12 S. Fourth St.

WAMSUTTA MILLS, NEW BEDFORD, MASS., April 26, 1875.

Your Asbestos Steam Packing has been in use in our 1,200 horse power engine since last January, and has given great satisfaction. It is now working as smoothly as ever in the piston-rod stuffing box. It possesses unusual merit, and I cheerfully recommend it as durable, convenient and economical.

AMOS H. RHODES, Chief Engineer.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

UNITED STATES NAVY YARD, BOSTON,

CHIEF ENGINEER'S OFFICE. Feb. 28, 1876.

Sir: In obedience to the order of the Bureau of Steam Engineering of the 14th inst., forwarded by you, to make a supplementary report on the Asbestos Packing, I respectfully report as follows: Two years ago I caused the Asbestos Packing to be applied to several piston and valve glands of engines performing heavy work with high pressure steam, since which time no cause for complaint or change in packing has been necessary—all the rods where it has been used are smooth, bright, and in excellent condition. Upon suspension of work in this Department a month ago the packing was removed, and found to be in good condition, and the same will, upon the resumption of work, be used again.

I am, very respectfully,

RICH'D M. BARTLEMAN, Chief Eng., U. S. N.

MOUNT PLEASANT COAL COMPANY,

HYDE PARK, PA., Feb. 3, 1876.

Dear Sir: Regarding the Asbestos Steam Packing, I can say our engineer packed the stuffing boxes of our hoisting engines on July 9, 1875, with the Packing, and the engines have been in steady use up to the present time *without change of packing*, and it is now in good condition, and he pronounces it better in every respect than anything we have used. The engines are heavy ones, 26-in. cylinder and 48-in. stroke.

Yours very truly,

W.M. T. SMITH, Sup't.

OLD COLONY IRON COMPANY,

EAST TAUNTON, MASS., July 30, 1874.

Messrs. DOWNIE, TRAINER & Co.,
153 Devonshire Street, Boston.

Gentlemen: This certifies that the Old Colony Iron Company have used JOHNS' PATENT ASBESTOS ROOFING on their buildings for the past five years, and it remains good to this day. From the experience already had, should renew our buildings with the same article. Our works were frequently on fire when covered with shingles, but sparks and cinders have had no effect on the ASBESTOS ROOFING.

Respectfully yours,

ENOCH ROBINSON, Sup't.

BROCKPORT, N. Y., Nov. 20, 1869.

H. W. JOHNS, Esq.

Dear Sir: The roof of my building, 37x65, covered with your ROOFING some seven years since, has been in every way satisfactory, and is now in good order. I shall want more of your material next year.

H. N. BEACH,
Editor and Proprietor of Brockport Republican.

OFFICE OF PASSAIC ZINC CO.,

113 LIBERTY ST., NEW YORK, April 5, 1875.

Mr. H. W. JOHNS.

Dear Sir: We have had your ASBESTOS ROOFING in use at our Zinc Works some four or five years, and prefer it to either tin, slate, or any other kind of covering for roofs.

Yours respectfully,

MANNING & SQUIER, Agts.

EASTON MALLEABLE IRON WORKS,

EASTON, MASS., Feb. 13, 1875.

Messrs. DOWNIE, TRAINER & Co.,

153 Devonshire Street, Boston.

Dear Sirs: It is now about four years since I first had H. W. JOHNS' PATENT ASBESTOS ROOFING applied to my annealing furnace building. I have ordered it from time to time for other buildings. It has in all cases proved highly satisfactory, and has stood the test of heat and cold so well that I think it better and more easily applied than any that I have ever seen.

Very respectfully,

DANIEL BELCHER.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

From the BOSTON JOURNAL, March 25, 1875.

INTERESTING TO MANUFACTURERS.—A gentleman who acts as treasurer for several corporations in New England, and who is located in this city, has made a number of inquiries relating to H. W. JOHNS' PATENT ASBESTOS ROOFING. The following is the reply of a very influential firm in New York City.

NEW YORK, March 17, 1875.

Dear Sir: After careful inquiry upon the subject of ASBESTOS ROOFING, we report:

1st. There is no better roofing of the kind, in the judgment of the writer.

2d. The Passaic Zinc Company (works at Jersey City, where the main building is four-story) have used the ASBESTOS ROOFING on that building for five years, and prefer it to any other, it being readily repaired if out of order.

3d. Among the parties using this material for roofs in this vicinity are Passaic Zinc Co., Passaic Rolling Mills, Paterson Iron Company, and Amidown Mills.

If we can serve you in this or other inquiries you will please to command us.

Yours respectfully,

BENNETT & SMITH, 117 Franklin St.

U. S. NAVY YARD, BOSTON,
CHIEF ENGINEER'S OFFICE, November 25, 1874. }

Sir: In accordance with Bureau order of January 12th, 1874, to test the ASBESTOS STEAM PACKING, I have respectfully to report that the Packing has been in constant use in the piston rod stuffing box of the machine shop engine during a period of eight months, the pressure of steam in the cylinder being from sixty-five (65) to seventy (70) pounds. After being once screwed up it remains tight with very little attention, and keeps the rod bright and smooth. About two months ago the engine was overhauled, and this packing was taken out, and being in such good condition, having deteriorated less than twenty per cent. in the eight months' previous running, it was used to pack the valve stems, and the piston rod was packed with new packing of the same kind.

Very respectfully,

H. H. STEWART, Chief Engineer.

UNITED STATES REVENUE MARINE,
UNITED STATES REVENUE STEAMER "HAMLIN,"
BOSTON, MASS., May 13, 1874. }

It affords me pleasure to testify to the excellent qualities of the "ASBESTOS STEAM PACKING." Several months ago I packed a piston-rod which had given me considerable trouble (although using other celebrated packings); but since applying the "ASBESTOS" the leakage of steam has entirely ceased. It is indestructible and elastic, and I earnestly recommend it to the profession.

Yours respectfully,

DANIEL F. KELLEY, Engineer, U. S. R. M.

Messrs. H. R. IVES & Co., Montreal.

Dear Sirs: When repairing our warehouses in St. Paul Street we took pains to ascertain the best roofing material in use, and purchased in New York the ASBESTOS ROOFING and COATING, which we applied ourselves. It has now been on four years and stands the winters well, and has proved to be a first-class article in every respect. We strongly recommend it for general use.

LYMANS, CLARE & Co., Wholesale Druggists, Montreal.

We have the ASBESTOS ROOFING on one of our own buildings, and can testify to its superiority by actual experience.

H. R. IVES & Co., Queen Street, Montreal.

ENFIELD, N. C., Sept. 11, 1876.

I have made a test of your Asbestos Cement, and find it is all you claim.

Truly yours,

H. BARD.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

The roof of my house in Hudson City, N. J. (shingles some sixteen years old), had been leaking badly for several years, during which time I tried several methods of remedying the difficulty at a great expense, but in every instance failed. The roof had been examined by several of the largest dealers and manufacturers of various kinds of roofing, who advised me to remove the shingles, as they could not be made water-tight. This I could not take the risk of doing as the house was occupied. About four years since I applied the ASBESTOS CEMENT and ROOF COATING at but trifling expense to the entire surface of the roof, and the result is a perfectly watertight roof, resembling slate, which bids fair to last for many years.

JOHN W. PINE.

GREENFIELD, MASS., August 10, 1876.

I like the roof so well that I shall cover the rest of my building with it, and the White Fire-Proof Coating you sold me last fall, I put on this spring, and you would not believe there could be such a difference. Last summer I could not get any one to take my rooms, they were so very hot, but this summer, in the very hottest weather, they have been as cool and pleasant as any part of the building.

Truly yours,

J. J. RICHARDSON.

N. Y. NAUTICAL SCHOOL SHIP "ST. MARYS," }
NEW YORK, January 5, 1877.

In regard to the Asbestos Boiler Covering, the material, and workmanship, are satisfactory, and I am ready to so endorse your bill.

Yours, &c.

R. L. PHYTHIAN.

MASON CITY, ILLS., May 16, 1876.

You may send us one bbl. Asbestos Roof Coating. We have already given our roof one coat of the Roof Coating, and like it better than anything we have ever used for the purpose.

Respectfully yours.

WATKINS & THOMPSON.

YARDVILLE, MERCER CO., N. J., Aug. 12, 1876.

I have used your Cement with great satisfaction on a leaky tin roof, forty feet square, and wish to know more about your goods. I shall require about 500 feet of your Roofing at present, and more in the future.

Truly yours,

SAM'L P. NICOLSON.

GREENBUSH, N. Y., March 27, 1877.

H. W. JOHNS, ESQ.

Dear Sir:—I have some Roofing to do this spring, and would like your price-list. I put on some of your Roofing six years ago, and it has not leaked a drop as yet.

Yours truly,

ALBERT N. MORY.

OFFICE OF THE UNION RAILROAD CO., }
PROVIDENCE, R. I.

Our roof is painted with your Asbestos Roof Paint. Excellent body—rich color—easy to work.

UNION RAILROAD CO.

METROPOLITAN GAS WORKS, ENGINEER'S OFFICE, FOOT 42D ST., }
NEW YORK, July 5th, 1876.

Dear Sir:—I would state that I have used your Asbestos Cement in joining and patching retorts at these Works, and find it fully answers the purpose. I consider it a superior material to Sellar's Cement.

Yours Respectfully.

I. HERZOG, Engineer.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

CITIZENS' GAS LIGHT CO.,
ENGINEER'S OFFICE, COR. 5TH AND HOYT STS., }
BROOKLYN, May 13th, 1876. }

Dear Sir:—I have thoroughly tested at these Works, your Asbestos Cement for patching retorts, and have found it superior to any Cement or mixture I have ever used for the same purpose. A retort thoroughly repaired with this Cement being to all intent as good as new, and will stand any needed scrubbing without needing renewal in the old breaks. Very truly yours.

Wm. HENRY WHITE, Engineer.

OFFICE PROVIDENCE GAS COMPANY, }
PROVIDENCE, R. I., Feb. 23, 1877. }

Dear Sir:—The Asbestos Cement received from you last October, proved very serviceable and quite satisfactory, in mending and patching retorts, as well as for various uses about the Gas Works, and we shall soon order more.

Very truly, A. B. SLATER, Treas.

MECHANICSVILLE, N. Y., March 23, 1876.

I have used some of your Asbestos Board on a Union valve, and from the time I put it on, to the present, which is two years, it has not leaked a drop.

Yours respectfully, JOSEPH EAGAN.

WOMEN'S HOSPITAL, 49TH ST. AND 4TH AVENUE, }
NEW YORK, March 6, 1877. }

H. W. JOHNS, Esq.

Sir: The Hair Felt Covering, with Asbestos lining which you put on the steam pipes and boiler domes of the Women's Hospital, and the Cement Covering on the three hot water boilers, are giving me great satisfaction, and the result is a great saving of fuel. The temperature of the engine and fire-rooms was very much reduced, so much so, that in cold weather we are rather cold. The saving of coal is 33 1-3 per cent. by actual measurement. The Cement Covering is put on in a superior manner, and is the neatest boiler or pipe covering I have yet seen.

Respectfully yours, DUNCAN MCINTYRE, Engineer.

RICHMOND, VA., Jan. 27, 1877.

Your Asbestos Roofing gives great satisfaction.

GEO. LITTLE.

TALLULA, ILL., Jan. 2, 1877.

I had occasion to use some of your Roofing two or three years ago and I like it. It makes a first-rate and durable roof.

F. S. THRAPP.

NORWICH, CONN., August 12, 1876.

I covered a Boiler House four years ago for the Norwich Bleaching and Calendering Co., and it is tip-top to-day. Send me 1800 ft. this week, as I would like to use it Monday, for the same Company.

Yours truly, NATHAN SMALL.

INDIANAPOLIS, IND., May 3, 1876.

Having had many years' experience in the Roofing business, in this city, and elsewhere, we have no hesitancy in endorsing your Roofing, as equal (and in many respects superior) to any or all others, at anything near the same cost.

Yours very truly, SIMS & SMITHERS.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

TOWANDA, PA., July 31, 1876.

I have used your Asbestos Cement in different places, and find it a good thing.
Respectfully yours,

JOHN E. FOX.

ROME, N. Y., Jan. 15, 1877.

Your Asbestos Cement I have used on tin to good advantage. I think it a valuable article.
Truly yours,

WM. R. WATSON.

WEST MERIDEN, CONN., Sept. 19, 1876.

Please send me —— Asbestos Roofing and Coating. Your Fire-Proof Coating for making a cool roof, is a great success.
Respectfully yours,

CHAS. L. LITTLE.

NEW YORK, March 14, 1877.

Mr. H. W. JOHNS,
Sir: The "Asbestos Cement Felting," and your "Double Air Chamber" Covering (with Asbestos Lining Felt), give perfect satisfaction in finish, use and economy of fuel. I consider them superior, as non-conductors and non-radiators of heat, to any covering I have ever seen.
Respectfully,
PETER BROWER, *Engineer for Carter, Hawley & Co.*
140 Pearl St.

NATIONAL ASSOCIATION OF WOOL MANUFACTURERS,
OFFICE, 11 PEMBERTON SQUARE,
BOSTON, MASS., Nov. 21, 1876.

H. W. JOHNS, Esq., 87 Maiden Lane, N. Y.

I take pleasure in recommending to the attention of the Wool Manufacturers, your Asbestos Felting, for covering Boilers, Steam Pipes, etc., as it has met with universal favor wherever used in New England. I am, sir,
Yours truly,

JOHN L. HAYES, *Sec'y.*

OFFICE LOWELL FELTING MILLS,
55 CONGRESS ST., BOSTON, Dec. 26, 1876.

* * * * * Your business should increase for the reason that your method of jacketing pipes is superior to all others that I have seen.
Yours truly,

W. H. THOMPSON, *Proprietor.*

FISK UNIVERSITY, NASHVILLE, TENN., Nov. 6, 1876.

The goods were received about a week or ten days ago, and we have applied the Felt to our steam pipes with excellent results, accomplishing all we desired.
Truly yours,

E. P. GILBERT, *Ass't Treasurer.*

REMSSEN, N. Y., July 7, 1876.

I think I shall order more of your Asbestos Colors. I think your Paint excels other mixed paints.
Respectfully yours,

CHAS. C. SNYDER.

TAZEWELL, C. H., VA., July 7, 1876.

I have tried your Asbestos Cement and Roof Paint, and found they answered my purpose. Your Paint is the best I have ever used.
Yours truly,

A. J. MAY.

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

BOONVILLE, IND., June 9, 1876.

Your Paint is very satisfactory, and I want more.

Respectfully yours,

EDWARD GOUGH.

NORTH SANFORD, N. Y., August 21, 1876.

Last season I applied your Paint to one building, and so far, it gives the most perfect satisfaction.

Yours respectfully,

G. W. HAMLIN, Practical House Painter.

LEESBURG, VA., May 6, 1876.

I used your Paint four years ago, and find it the best in market.

Truly yours,

EDWARD E. THOMPSON.

MILFORD, KENT Co., DEL.

I would like to try your Asbestos Roofing. The cheap Felt Roofing purchased of you a year and a half ago, is as tight as a bottle, and shows no sign of wear. I would use it, but the roof I wish to cover is flat, and more exposed.

Your obed't serv't,

ROBERT H. GILMAN.

ROOSEVELT HOSPITAL, 59TH STREET, AND 9TH AVE.,
NEW YORK, March 16, 1877

I take great pleasure in recommending your Asbestos Felting to all who have occasion to use it, as a very superior article.

Truly yours,

THOMAS F. REILLY.

Engineer Roosevelt Hospital.

PETERBOROUGH, ONT., July 5, 1876.

I have had on my office, an Asbestos roof of eighteen squares, for the past five years, and during that time have had very many inquiries in regard to it, and I recommended it to the utmost of my power.

Yours respectfully,

ROB'T ROMAINE.

WAKEFIELD P. O., SOUTH KINGSTON, R. I.

Having used your Asbestos Cement, we found it as recommended.

Respectfully yours,

K. P. & H. W. PARTELOW,

Contractors and Builders.

FAYETTEVILLE, N. C., Sept. 27, 1876.

Your Cement for leaky roofs, I consider a very valuable preparation.

Truly yours,

S. J. HINSDALE.

H. W. JOHNS, Esq.

MEDINA, N. Y., March 31, 1877.

Dear Sir: Please give me your prices for the Asbestos Roofing. I ordered and used some three years since, and for utility and economy give it the preference over any other material used for that purpose. Shall want about 2,000 square feet.

Yours truly,

W. S. TAMBLIN,
Contractor and Builder.

The following among thousand of well known Manufacturers
and others have our Goods in Use.

		New York City
A. T. STEWART & Co.,	- - - - -	" "
J. J. LITTLE & Co., Printers,	- - - - -	" "
HARPER & BRO., Publishers,	- - - - -	" "
MUNICIPAL GAS COMPANY,	- - - - -	" "
BOARD OF EDUCATION,	- - - - -	" "
N. Y. TRIBUNE ASSOCIATION,	- - - - -	" "
CARTER, HAWLEY & Co., Teas,	- - - - -	" "
A. M. HAYS & Co., Fancy Goods,	- - - - -	" "
DAVID DOWD & Co., Warehouse,	- - - - -	" "
C. H. DELAMATER & Co., Iron Works,	- - - - -	" "
JAMES DWIGHT & Co.,	- - - - -	" "
SIMPSON & Co., (Arion Pianos),	- - - - -	" "
C. T. RAYNOLDS & Co., Paints,	- - - - -	" "
WYNKOOP & HALLENBECK, Printers,	- - - - -	" "
H. K. & F. B. THURBER & Co., Grocers,	- - - - -	" "
ROOSEVELT HOSPITAL,	- - - - -	" "
UNION INDIA RUBBER Co.,	- - - - -	" "
TRADESMEN'S NATIONAL BANK,	- - - - -	" "
PASSAIC ZINC Co.,	- - - - -	" "
HENRY CLAUSEN, Brewery,	- - - - -	" "
NEW YORK & PROVIDENCE STEAMSHIP Co.,	- - - - -	" "
LONG ISLAND R. R. Co.,	- - - - -	" "
FLUSHING, N. S. & C. R. R.,	- - - - -	" "
SOUTH SIDE R. R. Co.,	- - - - -	" "
PETER COOPER'S GLUE FACTORY,	- - - - -	" "
ADAMS EXPRESS Co.,	- - - - -	" "
STANDARD OIL Co.,	- - - - -	" "
GORDON & DILWORTH,	- - - - -	" "
NEW YORK HERALD,	- - - - -	" "
WOMAN'S HOSPITAL,	- - - - -	" "
JOHN T. WILSON, Bakery,	- - - - -	" "
LAWTON BROS.,	- - - - -	" "
METROPOLITAN GAS LIGHT Co.,	- - - - -	" "
E. EISING & Co.,	- - - - -	" "
HENRY. W. FORD, Cashier,	- - - - -	" "
GEO. H. KITCHEN & Co.,	- - - - -	" "
PHENIX CHEMICAL WORKS,	- - - - -	" "
CITIZENS'	" "	Brooklyn
NASSAU	" "	"
PEOPLE'S	" "	"
BURDON IRON WORKS,	- - - - -	" "
PEASE & POILLON, Planing Mill,	- - - - -	" "
NIAGARA STEAM PUMP Co.,	- - - - -	" "
ABBOTT PAVEMENT Co.,	- - - - -	" "
J. H. DYKEMAN,	- - - - -	" "
SING SING, N. Y., STATE PRISON, A. Walker, Warden.	- - - - -	Oswego, N. Y.
T. KINGSFORD & SON, (Oswego Starch Factory),	- - - - -	Haerstraw, "
GARNER & Co., Print Works,	- - - - -	Iliion, "
E. REMINGTON & SONS, Fire Arms,	- - - - -	New York Mills, "
WALCOTT & CAMPBELL,	- - - - -	Glen Cove, "
WRIGHT DURYEA, (Starch Works),	- - - - -	Franklin, "
FRANKLIN IRON WORKS,	- - - - -	Lockport, "
HOLLY M'F'G Co.,	- - - - -	Newburgh, "
WILLIAM WRIGHT,	- - - - -	Morrisania, "
N. Y. CENTRAL GAS LIGHT Co.,	- - - - -	Yonkers, "
YONKERS	" "	Albany, "
ALBANY	" "	Utica, "
UTICA	- - - - -	

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

N. Y. DYE & PRINT WORK,	New Brighton, N.Y.
J. & J. ROGERS IRON CO.,	Au Sable Forks, "
WHITTLESEY, MEIGS & Co.,	Malone, "
W. A. CASE,	Buffalo, "
DENISON PAPER MANUF'G Co.,	Mechanic Falls, Maine
ROBINSON MANUF'G Co., Woolen Goods,	Oxford, "
AMOSKEAG M'F'G Co., Ticks & Denims,	Manchester, N.H.
JACKSON & Co., Sheetings, &c.,	Nashua, "
COCHECO M'F'G Co., Prints,	Dover, "
CONCORD M'F'G Co., Flannels,	W. Concord, "
JACOB HITTINGER, Ice,	Boston, Mass.
MASON & HAMLIN ORGAN Co.,	"
BRIDGEWATER IRON Co.,	Bridgewater, "
PEABODY MILLS,	Newburyport, "
MASON MACHINE WORKS,	Taunton, "
KINGSLEY IRON & MACHINE Co.,	Canton, "
ROXBURY CARPET Co., Carpets,	Boston, "
FAIRBANKS, BROWN & Co., Scales,	"
FITCHBURG R. R. Co.,	"
NORWAY IRON WORKS,	South "
WASHINGTON MILLS, Woolens,	Lawrence, "
ARLINGTON MILLS, Alpacas,	"
KING PHILIP MILLS, Muslins, &c.,	Fall River, "
DORCHESTER GAS LIGHT Co.,	Dorchester, "
CAMBRIDGE " "	Cambridge, "
PEMBROKE IRON WORKS,	Pembroke "
OLD COLONY IRON Co.,	Taunton, "
BOSTON RUBBER SHOE Co.,	Malden, "
WAMSUTTA MILLS,	New Bedford, "
WALWORTH MANUF'G Co.,	Boston, "
WALTHAM BLEACHERY,	Waltham, "
A. BURBANK,	Pittsfield, "
DUNNELL MANUF'G Co.,	Providence, R.I.
AMERICAN SCREW Co.,	"
PERRY MILL Co.,	Newport, "
PROVIDENCE TOOL Co.,	Providence, "
WOONSOCKET RUBBER Co.,	Woonsocket, "
A. & W. SPRAGUE & Co., Manufacturers,	Providence, "
GORHAM MANUF'G Co.,	"
PROVIDENCE GAS Co.,	"
CHENEY BROTHERS, Silk Manufacturers,	So. Manchester, Conn.
UNION METALLIC CARTRIDGE Co.,	Bridgeport, "
SHARPS RIFLE Co.,	"
NORWICH BLEACHING & CALENDERING Co.,	Norwich, "
HARTFORD GAS LIGHT Co.	Hartford, "
BRIDGEPORT "	Bridgeport, "
CHAS. PARKER & Co.,	Meriden, "
CELLULOID M'F'G Co.,	Newark, N.J.
INSANE ASYLUM,	Morris Plains, "
STRAM YACHT, "OCEAN GEM,"	Elizabeth, "
P. LORILLARD & SONS, Tobacco,	Jersey City, "
AMMIDOWN & Co., Woolen Manufacturers,	Passaic, "
UNIVERSITY HOTEL,	Princeton College, "
DEL. & BOUND BROOK R.R. Co.,	Somerville, "
HOBOKEN GAS LIGHT Co.,	Hoboken, "
BAYONNE " " "	Bayonne, "
PEOPLE'S " " "	Jersey City, "
WORTENDYKE MANUF'G Co.,	Wortendyke, "
JOHN HARTMAN, Crackers,	Philadelphia, Pa.
GAFF, FLEISCHMANN & Co.,	"
CAMERON MILLS,	"
JAMES SMITH & Co.,	"
J. BROWN & SONS, (Southwark Mills)	"
HOWELL BROS.,	"
BOSTON AND PHILÁ. S. S. Co.,	"
STEAMSHIP "INDIANA," (American Line.)	"

H. W. JOHNS' PATENT ASBESTOS MATERIALS.

LONGDALE IRON CO.,	Longdale, Pa
EAST PENN. IRON CO.,	Lyons, "
BETHLEHEM IRON CO.,	Bethlehem, "
ALLENTOWN ROLLING MILLS,	Allentown, "
TAMAQUA ROLLING MILLS,	Tamaqua, "
HAAS, BRENEHEIZER & CO.,	Shenandoah, "
OHIO IRON & NAIL CO.,	Martin's Ferry, O.
AULTMAN & TAYLOR MANUF'G CO.,	Alliance, O.
CUYAHOGA STEAM FURNACE CO.,	Cleveland, O.
MILLER, THOMAS & CO., Building Materials,	Akron, O.
ADAMS, WEEDON & CO.,	Columbus, O.
R. GREGG & CO.,	"
JOHN L. GILL,	"
HOCKING VALLEY R. R. CO.	"
W.M. HUMPHREY, (Warden State Prison),	Jackson, Mich.
CAPITAL CITY PLANING MILL CO.,	Indianapolis, Ind.
ARMOUDALE & CO., Elevators,	Chicago, Ill.
UNION RENDERING CO., Stock Yards,	"
FOWLER BROS., U. S. Stock Yard,	"
C. H. & L. J. McCORMACK, Reapers,	"
CHICAGO MALLEABLE IRON CO.,	"
N. K. FAIRBANKS & CO., Refiners,	"
CHICAGO & N. W. R.R. CO., Car Shops,	"
MOODY & SANKEY TABERNACLE,	"
STAR & CRESCENT MILLS.,	"
JAS. S. KIRK & CO., Soap Works,	"
JOHN V. FARWELL & CO.	"
GARDEN CITY ALCOHOL WORKS,	"
ILLINOIS INSTITUTION FOR DEAF & DUMB,	Jacksonville, Ill.
ILLINOIS STATE HOSPITAL FOR INSANE,	"
ILLINOIS STATE INSTITUTION FOR THE BLIND,	"
COMSTOCK, CASTLE & CO., Iron Manufacturers,	Quincy, Ill.
GEM CITY TOBACCO WORKS,	"
IOWA COLLEGE FOR THE BLIND,	Vinton, Iowa
NOVELTY IRON WORKS,	Dubuque, "
INSANE ASYLUM,	St. Peters, Minn.
ST. LOUIS COTTON FACTORY,	St. Louis, Mo.
HOME COTTON MILLS,	"
MITCHELL FURNITURE CO.,	Cadet, Mo.
ST. JOSEPH LEAD MINES,	Chattanooga, Tenn.
CHATTANOOGA IRON CO.,	"
ROANKE IRON CO.,	Nashville, "
FISK UNIVERSITY,	Ashland, Ky.
NORTON IRON CO.,	Wilmington, N. C.
NAVASSA CO.,	Augusta, Ga.
AUGUSTA GUANO CO.,	Port Royal, S. C.
PORT ROYAL R. R. CO.,	Wheeling, W. Va.
B. F. CALDWELL, Ranges, Mantels, etc.,	Chapel Hill, N. C.
UNIVERSITY OF NORTH CAROLINA,	Yonkers, N. Y.
WATER WORKS,	Garden City, L. I.
" " "	Youngstown, O.
" " "	St. Louis, Mo.
" " "	Taunton, Mass.
U. S. NAVY YARD,	Brooklyn, N. Y.
" " "	Boston, Mass.
LITTLE ROCK OIL CO.,	Little Rock, Ark.
KNAPP, BURRILL & CO., Merchants,	Portland, Oregon
KINNEY, HALEY & CO., Lumber,	Yarmouth, N. S.
T. MC AVITY & SONS, Merchants,	St. John's, N. B.
C. B. RECORD, Iron Manufacturer,	Moncton, N. B.
LYMANS, CLARE & CO., Merchants,	Montreal, Canada
QUEBEC GAS WORKS,	Quebec, Canada
C. F. HILLMAN, (Government Railroads),	Santiago, Chili
T. R. OSWALD, Shipbuilder,	Southampton, England

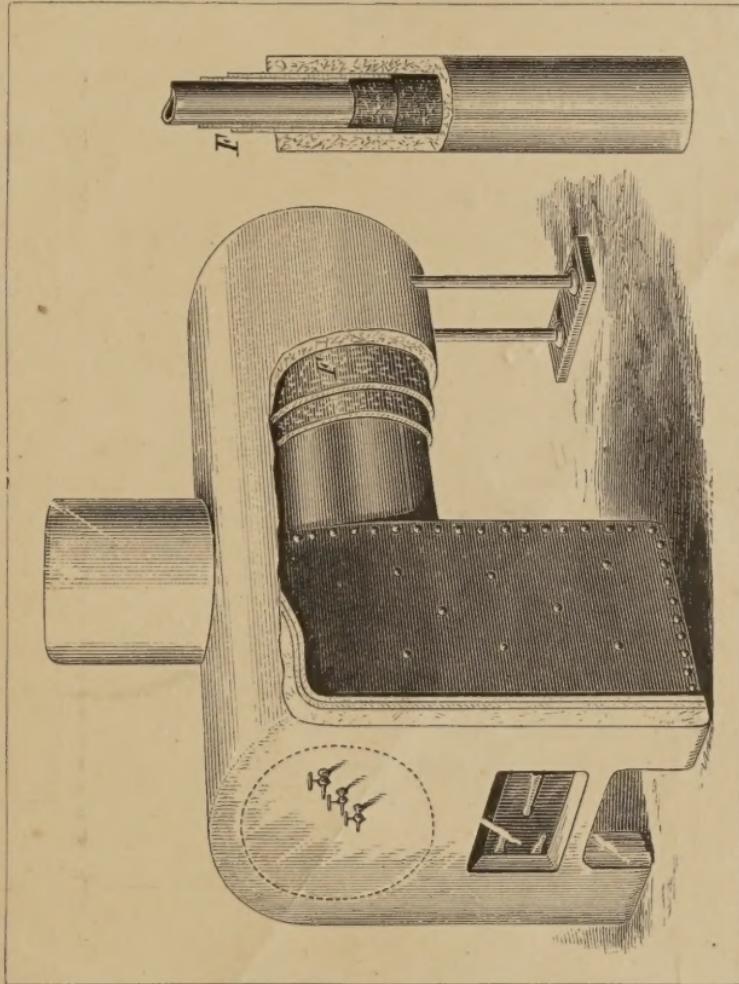
TO GENERAL MERCHANTS.

A very profitable business can be done in every town in applying the ASBESTOS ROOFING and in repairing and coating roofs with the ASBESTOS CEMENT and ROOF COATING or ROOF PAINT, and also in the sale and application of our Steam Pipe and Boiler Coverings, Paints and other articles herein described, which are *always in demand*.

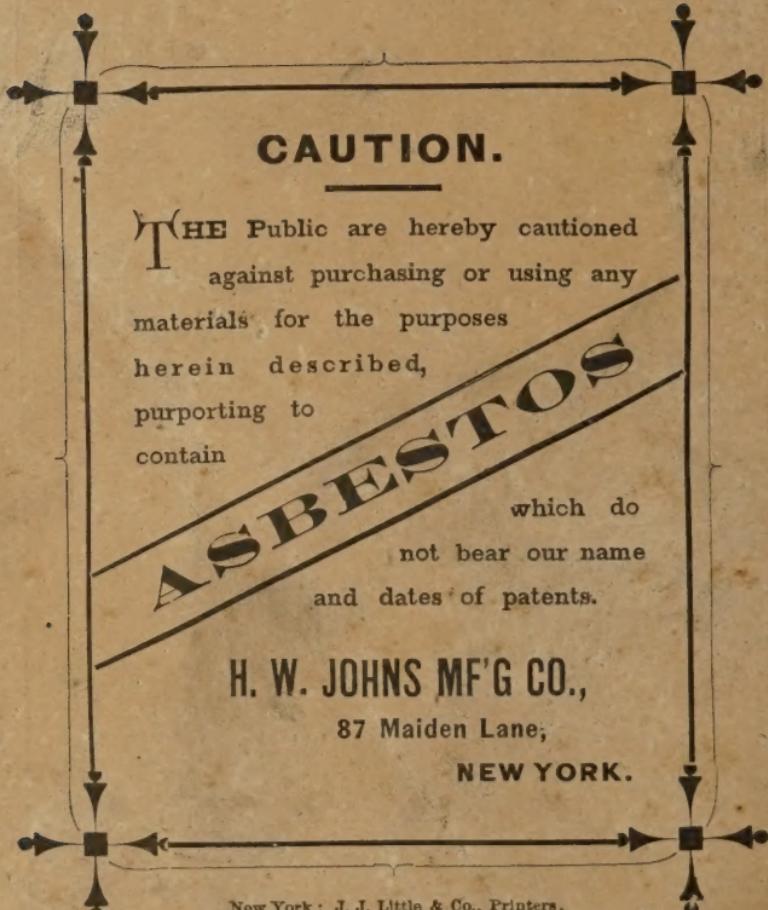
Samples, Price Lists, with discounts, and terms to acceptable applicants, for exclusive sale of our ROOFING and BOILER COVERINGS will be promptly furnished.

 We will give special prices to manufacturers and other large consumers wherever our goods are not kept on sale.

SHOWING
INSULATING
LINING
PIPE,
FELT.



ASBESTOS
COVERED
BOILER
AND
PIPE,



CAUTION.

THE Public are hereby cautioned
against purchasing or using any
materials for the purposes
herein described,
purporting to
contain

ASBESTOS which do
not bear our name
and dates of patents.

H. W. JOHNS MFG CO.,

87 Maiden Lane,

NEW YORK.

New York : J. J. Little & Co., Printers,
10 to 20 Astor Place.